

1c551 U.S. PTO

09/16/99

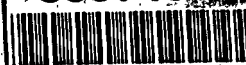
09/28/98

Class	Subclass
455	412

ISSUE CLASSIFICATION

PATENT NUMBER

6067451



6067451

## U.S. UTILITY PATENT APPLICATION

3845	O.I.P.E.	PATENT DATE
SCANNED	Q.A.	MAY 23 2000

SECTOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
	455	412	2744	TRCST

2743 FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

2744

## PREPARED AND APPROVED FOR ISSUE

## ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)						
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
455	412	455	412					
INTERNATIONAL CLASSIFICATION		379	100.08					
H04Q	7/20							

☐ Continued on Issue Slip Inside File Jacket

<input checked="" type="checkbox"/> <b>TERMINAL DISCLAIMER</b> 09/16/99, 462	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
	12	12	9	341	1
	<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed. <input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent No. 5,436,960. <input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.				
William G. Trost Primary Examiner (Primary Examiner)			NOTICE OF ALLOWANCE MAILED 11/22/99 ISSUE FEE Amount Due: 205.00 Date Paid: 12/8/99		
(Legal Instruments Examiner)			ISSUE BATCH NUMBER E58		

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 The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-438A  
 (Rev. 10/97)

Formal Drawings (\_\_\_\_ shts) set (LABEL AREA)  
**T. MILLS**  
**QUERY**  
 702 916 2886

Issue Fee

(FACE)

SERIAL NUMBER 09/161,462	FILING DATE 09/28/1998	CLASS 455	GROUP ART UNIT 2744	ATTORNEY DOCKET NO 780.29643CK3
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APPLICANT  
THOMAS J CAMPANA JR, CHICAGO, ILLINOIS; MICHAEL P PONSCHKE, LOCKPORT,  
ILLINOIS; GARY F THELEN, PALOS PARK, ILLINOIS.

**\*\*CONTINUING DOMESTIC DATA\*\*\*\*\***  
 VERIFIED THIS APPLN IS A CON OF 08/844,957 04/23/1997 PAT 5,819,172  
 APPLN IS A CON OF 08/443,430 05/18/1995 PAT 5,625,670  
 APPLN IS A CON OF 07/702,939 05/20/1991 PAT 5,436,960

**\*\*371 (NAT'L STAGE) DATA\*\*\*\*\***  
 VERIFIED

**\*\*FOREIGN APPLICATIONS\*\*\*\*\***  
 VERIFIED

FOREIGN FILING LICENSE GRANTED 10/14/1998 SMALL ENTITY

Foreign priority claimed 35 USC 119 (a-d) conditions met	<input type="radio"/> yes <input type="radio"/> no <input type="radio"/> yes <input type="radio"/> no <input type="radio"/> Met after Allowance	STATE OR COUNTRY IL	SHEETS DRAWINGS 12	TOTAL CLAIMS 1	INDEPENDENT CLAIMS 1
Verified and acknowledged Examiner's Name Initials					

ADDRESS  
ANTONELLI TERRY STOUT AND KRAUS  
SUITE 1800  
1300 NORTH SEVENTEENTH STREET  
ARLINGTON , VA 22209

TITLE  
ELECTRONIC MAIL SYSTEM WITH RF COMMUNICATIONS TO MOBILE PROCESSORS

FILING FEE RECEIVED \$**395	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT NO. _____ for the following:	<input type="radio"/> All Fees <input type="radio"/> 1.16 Fees (Filing) <input type="radio"/> 1.17 Fees (Processing Ext. of Time) <input type="radio"/> 1.18 Fees (Issue) <input type="radio"/> Other _____ <input type="radio"/> Credit
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# PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1997

Application or Docket Number

09/16/462

## CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

SMALL ENTITY  
TYPE ☒

OR

OTHER THAN  
SMALL ENTITY

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE		
TOTAL CLAIMS	/	minus 20 = *
INDEPENDENT CLAIMS	/	minus 3 = *
MULTIPLE DEPENDENT CLAIM PRESENT		

RATE	FEE
	395.00
x\$11=	
x41=	
+135=	
TOTAL	395

OR

OR

OR

OR

OR

RATE	FEE
	790.00
x\$22=	
x82=	
+270=	
TOTAL	

\* If the difference in column 1 is less than zero, enter "0" in column 2

## CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN  
SMALL ENTITY

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

RATE	ADDI- TIONAL FEE
x\$11=	
x41=	
+135=	
TOTAL ADDIT. FEE	

OR

OR

OR

OR

RATE	ADDI- TIONAL FEE
x\$22=	
x82=	
+270=	
TOTAL ADDIT. FEE	

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

RATE	ADDI- TIONAL FEE
x\$11=	
x41=	
+135=	
TOTAL ADDIT. FEE	

OR

OR

OR

OR

RATE	ADDI- TIONAL FEE
x\$22=	
x82=	
+270=	
TOTAL ADDIT. FEE	

AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

RATE	ADDI- TIONAL FEE
x\$11=	
x41=	
+135=	
TOTAL ADDIT. FEE	

OR

OR

OR

OR

RATE	ADDI- TIONAL FEE
x\$22=	
x82=	
+270=	
TOTAL ADDIT. FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

# PATENT APPLICATION



09161462

10551 U.S. PTO

09/161462



09/16/99

001 000 847  
INITIALS

## When Entering a Paper See Scanned Notice Inside File

Date received  
(Incl. C. of M.)  
or  
Date Mailed

1. Application 12 papers.	9-28-98	42.	
2. 12-12-98	4/1-1/99	43.	
3. Interview Summary	7/23/99	44.	
4. Pre-1	2-10-99	45.	
5.	5-25-99	46.	
6. Statement of Declaration	5-25-99	47.	
7. Summary Interview Summary	Oct 19/99	48.	
8. Notice of Allowance	Oct 20/99	49.	
9. Formal Drawings	11/22/99	50.	
10. Post-Allow Common	12-3-99	51.	
11. 4/13/00	4/13/00	52.	
12. Formal Drawings (62 sheets) set	4/13/00	53.	
13. 5-11-00	5-11-00	54.	
14. Petition Under 37 CFR 1.181	5/10/03	55.	
15. Statement	5/20/03	56.	
16. Petition Dec.-Denied	06/06/03	57.	
17. Suppl. Dec. Denying Pet.	06/12/03	58.	
18. Petition	7/3/03	59.	
19. Decision Denying Petition	11/25/03	60.	
20.		61.	
21.		62.	
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(FRONT)